

# Packaging spectrum

BLOK NAUKOWY PRZYGOTOWANY  
WE WSPÓŁPRACY Z SIECIĄ BADAWCZĄ ŁUKASIEWICZ  
– COBRO – INSTYTUTEM BADAWCZYM OPAKOWAŃ



## SOZIOLOGY AND LAW

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### COMPOSITE PACKAGING

Current legal system in Poland ensuing from the act on the management of packaging and packaging waste obliges producers introducing to the market products in composites packaging to realization the mandatory obligation recovery and recycling by organizations economic self-government. The recovery and recycling levels have been established to year 2030. In some cases establishing composites packaging can cause problems.



The thematic scope of articles published in **Packaging Spectrum** includes the following sections: **Materials and Packaging, Research and Certification, Technologies, Machines and Equipment, Logistics, Management and Marketing, Sozology and Law, Economics and the Market.** We cordially invite you to cooperation and publication. Please contact editorial assistant Joanna Kuzinow, [redakcja@cobro.org.pl](mailto:redakcja@cobro.org.pl)



## **RETAIL PACKAGING TESTING**

- **Physical and mechanical tests**

Contact: M. Sc., Eng. Jacek Frydrych, Tel.: +4822 8422011 int.32, e-mail: frydrychj@cobro.org.pl;

- **Chemical and sensory tests**

Contact: M. Sc., Eng. Katarzyna Samsonowska, Tel.: +4822 8422011 int.27, e-mail: lab\_opak\_jedn@cobro.org.pl;  
PhD, Eng. Monika Kaczmarczyk, tel.: +4822 8422011 int. 42, e-mail: kaczmarczyk@cobro.org.pl

- **Examination of packaging provided with closures making it difficult for children to open**

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PhD, Eng. Monika Kaczmarczyk, tel.: +4822 8422011 int. 42, e-mail: kaczmarczyk@cobro.org.pl

## **TRANSPORT PACKAGING TESTING**

- **UN certification testing**

- **B certification testing**

- **Expertise testing**

Contact: M.Sc. Eng. Andrzej Milewski, tel.: +4822 8422011 int.30, e-mail: milewski@cobro.org.pl

## **CERTIFICATION**

### **CERTIFICATION FOR AC 016 ACCREDITATION**

- **Certification for UN**

- **Re-processing**

- **Certification of packaging protected against opening by a child**

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### **CERTIFICATION OUTSIDE THE SCOPE OF ACCREDITATION**

- **Certification for B**

- **Certification of compliance with the requirements of standards**

- **Certification of products suitable for composting**

Contact: Packaging and Environment Department, tel. 22 842 20 11 int.39, e-mail: eko@cobro.org.pl

- **Certification of the content of renewable raw materials**

Contact: MA Grzegorz Ganczewski, tel. (22) 842 20 11 int. 58 fax (22) 842 23 03, e-mail: ganczewski@cobro.org.pl

## **ECOLOGY**

- **Assessment of conformity with the requirements of the packaging**

- **LCA (Life Cycle Assessment)**

- **Calculation of greenhouse gas emissions (carbon footprint)**

- **Initial assessment of compostability**

- **Certification of the content of renewable raw materials**

- **Color measurement test**

- **COBRO recommendation: recovery organizations**

Contact: Packaging and Environment Department, tel. 22 842 20 11 int.39, e-mail: eko@cobro.org.pl

## **THE ŁUKASIEWICZ RESEARCH NETWORK EUROPE'S THIRD LARGEST RESEARCH NETWORK**



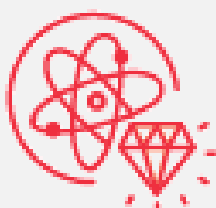
**A BRIDGE BETWEEN  
THE RESEARCH AND THE ECONOMY**



**A TRANSFER OF KNOWLEDGE  
INTO THE ECONOMY**



**RESEARCH OF AREAS OF STRATEGIC  
IMPORTANCE FOR THE COUNTRY'S  
DEVELOPMENT**



**STRENGTHENING THE INTERNATIONAL  
POSITION OF POLISH RESEARCH**



**RESEARCH AND ANALYTICAL  
RESOURCES FOR THE POLISH  
GOVERNMENT**